




Public Hearing Item 16

Receive and Confirm Water Supply
Forecast for May 1, 2025 through
September 30, 2026 Period

Meeting Date: May 19, 2024

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Long-Term Water Supply Forecast: May 2025 – September 2026

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- This forecast applies to current and projected water supply and demand conditions in the *Monterey Peninsula Water Resource System*.
 - This *system* includes surface water in the Carmel River and its tributaries and groundwater in the Carmel Valley Alluvial Aquifer and Seaside Groundwater Basin.

Monterey Peninsula Water Resource System



Long-Term Water Supply Forecast: May 2025 – September 2026

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- This forecast considers California American Water (Cal-Am) and non Cal-Am water demands from these sources during the May 2025 through September 2026 period.
 - This forecast is based on all usable surface and groundwater storage in the system as of May 1, 2025, which is termed “carryover” storage.

Long-Term Water Supply Forecast: May 2025 – September 2026

Notes:

- This *Water Supply Forecast* is based on actual water storage conditions and does not account for other environmental considerations such as riparian and aquatic resources or supplies from water resource projects.
- The rationing trigger for this *Water Supply Forecast* has been adjusted to reflect the appropriate reductions in pumping from the Carmel River and Seaside Groundwater Basins and assumes water resources project operations continue.

Long-Term Water Supply Forecast: May 2025 – September 2026

Carryover Storage as of May 1, 2025

STORAGE FACILITY	MAXIMUM STORAGE CAPACITY (AF)	CURRENT STORAGE (AF)	PERCENT OF MAXIMUM CAPACITY (%)
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LOS PADRES	1,670	1,670	100%
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AQUIFERS

UPPER CARMEL VALLEY	6,530	6,230	95%
LOWER CARMEL VALLEY	21,930	20,210	92%
SEASIDE COASTAL	<u>3,000</u>	<u>1,540</u>	51%
TOTAL SYSTEM	33,130	29,650	89%

Physical Storage Target


for the Monterey Peninsula Water Resource System

for the May-September 2025 and all WY 2026

All Values in Acre-Feet

PRODUCER	MAY-SEPTEMBER DEMAND	CARRYOVER STORAGE NEEDS FOR NEXT YEAR DEMAND FROM MPWRS	TOTAL STORAGE REQUIRED ON MAY 1	
California American Water (Cal-Am)	2,401	4,850	7,251	
Non Cal-Am	1,946	3,046	4,992	
Total	4,347	7,896	12,243	
			TOTAL STORAGE AVAILABLE ON MAY 1	
			29,650	

Long-Term Water Supply Forecast: May 2025 – September 2026

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- Total usable system storage as of May 1, 2025 is **29,650** acre-feet.
 - To avoid mandatory water rationing, **12,243** acre-feet of carryover storage is required.
 - Accordingly, the current amount of carryover storage is sufficient to begin Water Year 2026 with a full year's supply in reserve.

Long-Term Water Supply Forecast: May 2025 – September 2026

Recommendation:

- Receive the *Long-Term Water Supply Forecast for the Monterey Peninsula Water Resource System* for the May 2025 through September 2026 period.
- Given current carryover storage, mandatory water rationing is not required under District rules at this time.
- MPWMD shall continue implementation of its water conservation provisions currently in place.